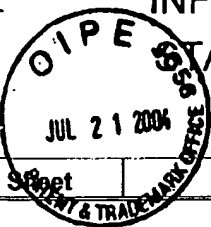


Substitute for Form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)



Complete if Known

Application Number 09/852,755

Filing Date May 9, 2001

First Named Inventor: Ethan Spiegel

Art Unit 2664 2666

Examiner Name DWONG, P

Attorney Docket Number 81862P232D

Sheet

1

of

4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
FD	—	US-	4,827,411	5/2/1989	Arrowwood et al.	—
		US-	4,965,767	10/23/1990	Kinoshita et al.	
		US-	4,965,772	10/23/1990	Daniel et al.	
		US-	5,115,495	5/19/1992	Tschuiya et al.	
		US-	5,119,367	6/2/1992	Kawakatsu et al.	
		US-	5,128,926	7/7/1992	Perlman et al.	
		US-	5,189,662	2/23/1993	Kleine-Altekamp	
		US-	5,233,604	8/3/1993	Ahmadi et al.	
		US-	5,452,294	9/19/1995	Natarajan	
		US-	5,477,541	12/19/1995	White et al.	
		US-	5,485,455	1/16/1996	Dobbins et al.	
		US-	5,517,617	5/14/1996	Sathaye et al.	
		US-	5,555,244	9/10/1996	Gupta et al.	
		TD	+	US-	5,602,770	
US-	5,604,868			2/18/1997	Komine et al.	

RECEIVED

JUL 27 2004

Technology Center 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

me DWONG

Date Considered

11/17/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO					Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>					Application Number	09/852,755
					Filing Date	May 9, 2001
					First Named Inventor:	Ethan Spiegel
					Art Unit	2664 266.6
					Examiner Name	Dronik, T
					Attorney Docket Number	81862P232D

OIPE JC
JUL 21 2004
PATENT & TRADEMARK OFFICE

Sheet	2	of	4			
-------	---	----	---	--	--	--

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
TD		US-	5,632,021	5/20/1997	Jennings et al.	
		US-	5,634,010	5/27/1997	Ciscon et al.	
		US-	5,638,359	6/10/1997	Peltola et al.	
		US-	5,644,718	7/1/1997	Belove et al.	
		US-	5,659,684	8/19/1997	Giovannoni et al.	
		US-	5,666,353	9/9/1997	Klausmeier et al.	
		US-	5,673,265	9/30/1997	Gupta et al.	
		US-	5,678,006	10/14/1997	Valizadeh et al.	
		US-	5,694,390	12/21/1997	Yamato et al.	
		US-	5,740,097	4/14/1998	Satoh	
		US-	5,748,617	5/5/1998	McLain, Jr.	
		US-	5,761,192	6/2/1998	Hummel	
		US-	5,796,736	8/18/1998	Suzuki	
		US-	5,835,710	11/10/1998	Nagami et al.	
		US-	5,940,396	8/17/1999	Rochberger	

RECEIVED
JUL 27 2004
Technology Center 2600

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	11/17/04
--------------------	--	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Best Available Copy

Based on Form PTO/SB/08B (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>					Complete if Known	
					Application Number	09/852,755
					Filing Date	May 9, 2001
					First Named Inventor:	Ethan Spiegel
					Art Unit	2664 2666
					Examiner Name	DUONZ, F
					Attorney Docket Number	81862P232D

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
FD	I	US-	6,122,272	9/19/2000	Tomaszewski et al.	—
FD	I	US-	6,167,030	12/26/2000	Kilki et al.	—
FD	I	US-	6,356,530 B1	3/12/2002	Tomaszewski et al.	—
FD	I	US-	6,611,496 B1	8/26/2003	Tomaszewski et al.	—
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

RECEIVED
 JUL 27 2004
 Technology Center

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature: <i>[Signature]</i>	Date Considered: 11/17/06
--	---------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Best Available Copy

Based on Form PTO/SB/08B (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

Substitute for Form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/852,755
				Filing Date	May 9, 2001
				First Named Inventor:	Ethan Spiegel
				Art Unit	2664 2666
				Examiner Name	DUNN, T
Sheet	4	of	4	Attorney Docket Number	81862P232D
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
FD		ATM Forum User-Network Interface Specification (v.3.1) Table of Contents vii-xxv & pgs. 159-164 (1995).			
FD		The ATM Forum Technical Committee, "Private-Network-Network Interface Specification Version 1.0 (PNNI 1.0)," ATM Forum document number af-pnni-0055.000, March 1996			
FD		Bill Mayo, "Patent Declaration," The ATM Forum, http://www.atmforum.com/standards/113.html (2002)			
FD		Applicants' Statement on page 2 of the attached Information Disclosure Statement			

RECEIVED

JUL 27 2004

Technology Center 2600

Examiner Signature	<i>[Signature]</i>	Date Considered	11/17/06
--------------------	--------------------	-----------------	----------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.
 If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Best Available Copy



Summary of USPTO Kind Codes Used on Documents Published Beginning January 2, 2001

PTO ST.16 Kind Codes

	Kind of document	Comments
A1	Patent Application Publication	Pre-grant publication available March 2001
A2	Patent Application Publication (Republication)	Pre-grant publication available March 2001
A9	Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
B1	Patent	No previously published pre-grant publication
B2	Patent	Having a previously published pre-grant publication and available March 2001
C1, C2, C3...	Reexamination Certificate	Previously used codes B1 and B2 are now used for granted Patents
E	Reissue Patent	No change
H	Statutory Invention Registration (SIR)	No change
P1	Plant Patent Application Publication	Pre-grant publication available March 2001
P2	Plant Patent	No previously published pre-grant publication
P3	Plant Patent	Having a previously published pre-grant publication and available March 2001
P4	Plant Patent Application Publication (Republication)	Pre-grant publication available after March 2001
P9	Plant Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
S	Design Patent	No change

RECEIVED

JUL 27 2004

Technology Center 2600

Best Available Copy

Form PTO-1449 (Modified)

Atty Docket No.:
81862.P232D

Serial No.: 99/852,755

List of Patents and Publications Statement
(Use several sheets if necessary)

AUG 28 2001

PATENT & TRADEMARK OFFICE

Applicant: Ethan Spiegel, et al.

Filing Date: May 9, 2001

RECEIVED
AUG 30 2001
Technology Center 2600

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub- Class	Filing date if appropriate
FD	A	4,419,728	Larson			12/06/1983
	B	4,424,565	Larson			01/03/1984
	C	4,506,358	Montgomery			03/19/1985
	D	4,644,532	George, et al.			02/17/1987
	E	4,679,189	Olson, et al.			07/07/1987
	F	4,750,136	Arpin, et al.			06/7/1988
	G	4,879,551	Georgiou, et al.			11/07/1989
	H	4,933,937	Konishi			06/12/1990
	I	5,033,595	Pardee			07/23/1991
	J	5,034,919	Sasai, et al.			07/23/1991
	K	5,088,032	Bosack			02/11/1992
	L	5,136,580	Videlock, et al.			08/04/1992
	M	5,241,682	Bryant, et al.			08/31/1993
	N	5,287,103	Kasprzyk, et al.			02/15/1994
	O	5,309,437	Perlman, et al.			05/03/1994
	P	5,319,644	Liang			06/07/1994
	Q	5,361,256	Doeringer, et al.			11/01/1994
	R	5,386,567	Lien, et al.			01/31/1995
	S	5,430,715	Corbalis, et al.			07/4/1995
	T	5,490,258	Fenner			02/06/1996
	U	5,491,804	Heath, et al.			02/13/1996
	V	5,504,747	Sweazey			04/02/1996
	W	5,571,617	Coopridge, et al.			11/05/1996
	X	5,519,858	Walton, et al.			05/21/1996
	Y	5,253,489	Yoshii			10/19/1993
	Z	5,724,351	Chao, et al.			03/03/1998
	A	5,754,547	Nakazawa			05/19/1998
FD	B	5,841,874	Kempke et al.			11/24/1998

FOREIGN PATENT DOCUMENTS

No.	Document No.	Date	Country	Class	Sub-Class	Trans- lation

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner	<i>McDermott</i>	Date Considered	11/17/04
----------	------------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)		Atty Docket No. 81862.P232D		Serial No. 8/852,755			
List of Patents and Publications Statement (Use several sheets if necessary)				Applicant: Ethan Spiegel, et al.			
				Filing Date: May 9, 2001			
REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS				
Examiner Initials		Document No.		Class	Sub- Class	Filing date if appropriate	
FOREIGN PATENT DOCUMENTS							
No.		Document No.	Date	Country	Class	Sub-Class	Trans- lation
FD	A	WO 93/07692	15 APR 1993	PCT			
	B	WO 94/01828	20 JAN 1994	PCT			
	C	WO 95/20850	3 AUG 1995	PCT			
	D	0 431 751 A1	02 NOV 1990	EPO			
FD	E	0 384 758 A2	22 FEB 1990	EPO			
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)							
FD	F	Allen, M., "Novell IPX Over Various WAN Media (IPXW AN), "Network Working Group, RFC 1551, December 1993, pp. 1-22.					
	G	Becker, D., "3c589.c: A 3c589 Etherlink3 ethernet driver for linux." becker@CESDIS.gsfc.nasa.gov, May 3, 1994, pp. 1-13.					
	H	Chowdhury, et al., "Alternative Bandwidth Allocation Algorithms for Packet Video in ATM Networks," INFOCOM 1992, pp. 1061-1068.					
	I	Doeringer, W., "Routing on Longest-Matching Prefixes," IEEE/ACM Transactions in Networking, Vol. 4, No. 1, February 1996, pp. 86-97.					
	J	Esaki, et al., "Datagram Delivery in an ATM-Internet," 2334b IEICE Transactions on Communications, March 1994, No. 3, Tokyo, Japan.					
	K	IBM Corporation, "Method and Apparatus for the Statistical Multiplexing of Voice, Data and Image Signals," IBM Technical Disclosure Bulletin, No. 6, November 1992, pp. 409-411.					
	L	Pei, et al., "Putting Routing Tables in Silicon," IEEE Network Magazine, January 1992, pp. 42-50.					
	M	Perkins, D., "Requirements for an Internet Standard Point-to-Point Protocol," Network Working Group, RFC 1547, December 1993, pp. 1-19.					
	N	Simpson, W., "The Point-to-Point Protocol (PPP)," Network Working Group, RFC 1548, December 1993, pp. 1-53.					
	O	Tsuchiya, P.F., "A Search Algorithm for Table Entries with Non-Contiguous Wildcarding," Abstract, Bellcore.					
	P	Zhang, et al., "Rate-Controlled Static-Priority Queueing," INFOCOM 1993, pp. 227-236.					
FD	Q	William Stallings, Data and Computer Communications, pp. 329-333, Prentice Hall, Upper Saddle River, New Jersey 07458					
Examiner			Date Considered				
[Signature]			11/17/04				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							